

LAMB ELECTRIC

Catalog Legend

The legend outlined below describes the catalog listing headings and the abbreviations that are used in order to assist the user in identifying the major characteristics of Lamb Electric vacuum motors. There are two listings included. The first is in model number sequence. The second list breaks the motors down into the major product types: Peripheral Bypass, Tangential Bypass; Hazardous Duty Bypass, ACUSTEK® Peripheral Bypass and Thru-Flow Vacuum Motors. Within each group, motors are listed by size (fan diameter), number of stages, and numerically by model number within each nominal operating voltage.

Lamb Vacuum Motor Catalog Listing

| Model | Type | Volts | Diameter | | Brg | Stg | A/S | E | DI | Rating Watts | Sealed Vac | | Air Watts | Air Flow | |
|-------|------|-------|----------|----|-----|-----|-----|---|----|-----------------|------------|----|--------------|----------|-------|
| | | | Inch | mm | | | | | | | Inch | mm | | CFM | L/Sec |

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|----------------------|--|
| Model | Motor Model Number |
| Type | Motor Construction Type: BDC Brushless DC Tangential Bypass Discharge Vacuum Motor BPP Peripheral Bypass Discharge Vacuum Motor BPT Tangential Bypass Discharge Vacuum Motor HAZ Hazardous Duty Peripheral Discharge Vacuum Motor QBP ACUSTEK® Low-Noise Peripheral Discharge Vacuum Motor TF Thru-Flow Discharge Vacuum Motor |
| Volts | Nominal maximum operating voltage |
| Diameter | Nominal diameter of the fan housing of the motor |
| Brg | Bearings used in the motor: B/B Double ball bearings B/S One ball and one sleeve bearing |
| Stg | Number of fan stages in the motor |
| A/S | Motor features patented air seal bearing protection |
| E | Motor features epoxy painted fan housing |
| DI | Motor is double insulated |
| Rating Watts | Nominal watt performance rating, calculated using .5" orifice watts divided by .85 |
| Sealed Vacuum | Maximum vacuum of the motor expressed in inches and millimeters of water lift |
| Air Watts | Maximum air watts performance of the motor. Air watts is typically calculated by the following formula: (CFM x Inches of water) divided by constant of 8.5 |
| Air Flow | Maximum air flow of the motor, expressed in Cubic Feet / Minute and Liters / Second |